

Safety Breakaway Couplings

Novaflex Safety Break-Away Couplings

Designed specifically to minimize spillage and damage associated with accidental drive away and pull away of rail cars and tankers, ships and supply boats. Coupling automatically senses an excessive load; closes its valves and then permits disconnection. For use with loading arms between hard piping and conventional hoses and mid-stream, between hose lengths.

Features

- Valves in both halves close automatically before separation occurs
- Ultra compact design
- Operates independently of shut off safety systems and does not require an external power source
- Will release at any angle of pull
- Easy to re-set on site with one person
- Release by pre-determined force based on installation parameters

Connections

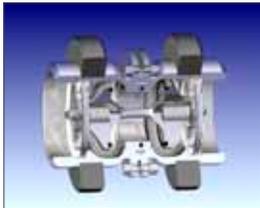
Female NPT and Flanged

Sizes: 1" thru 12", in some designs

316L Stainless Steel and aluminum, hastelloy in some styles

A full range of elastomeric and Teflon seals are available.

How it works



The safety break-away valves consist of two halves, each with a valve that has a flat type-sealing surface similar to a dry disconnect coupling.



When the safety break-away couplings are separate, it allows the two poppets to close. The two poppets close rapidly, minimizing exposure to personnel and the environment.



Multiple styles available depending on application details

Due to continuous improvements, technical data subject to change without notice. All hose and duct manufactured by Novaflex® are warranted to be free from all defects in material and workmanship. It is impossible to test Novaflex hose and duct under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end user's responsibility to test all Novaflex hose and duct under conditions that duplicate the service conditions prior to installation.

06.2011

IN USA

New Jersey

1024 Industrial Drive
West Berlin, NJ 08091
tel (856)768-2275
fax (856)768-2385
800-225-0215

North Carolina

449 Trollingwood Road
Haw River, NC 27258
tel (336)578-2161
fax (336)578-5554
800-334-4270

Indianapolis

7812 Moller Road
Indianapolis, IN 46268
tel (317)334-1444
fax (317)334-1535
800-526-6288

IN CANADA

Ajax, Ontario

555 Beck Crescent
Ajax, ON L1Z 1C9
tel (905)686-5200
fax (905) 686-8349